

Title (en)  
GAS-SAMPLING VALVE

Publication  
**EP 0050822 B1 19850717 (FR)**

Application  
**EP 81108537 A 19811020**

Priority  
FR 8022775 A 19801024

Abstract (en)  
[origin: US4454894A] A cock for low-pressure bleeding of a gas from a gaseous mixture, said cock having a body (1) with an inlet (12) and a pumping outlet (13) for the mixture and a bleed outlet orifice (15), and a valve (2) which co-operates with the valve body and is situated between said orifice and the inlet, wherein the valve includes a semi-permeable membrane with a first surface (6A) which communicates with said inlet and a second surface (6) which communicates with said bleed orifice, the valve assuming a first position in which it allows the mixture to pass directly from the inlet towards the bleed orifice when the pressure of the mixture is lower than a given pressure, and a second position in which it closes the bleed orifice when the pressure of the mixture is higher than said given pressure, the gas to be bled off then passing through said permeable membrane.

IPC 1-7  
**G01N 1/00**; **G01M 3/20**; **H01J 49/04**

IPC 8 full level  
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CPC (source: EP US)  
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Cited by  
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**EP 0050822 A1 19820505**; **EP 0050822 B1 19850717**; AT E14350 T1 19850815; DE 3171415 D1 19850822; FR 2492979 A1 19820430; FR 2492979 B1 19840406; JP S57101185 A 19820623; JP S6334354 B2 19880708; US 4454894 A 19840619

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